

Figure 1. Experimental and analytical setup

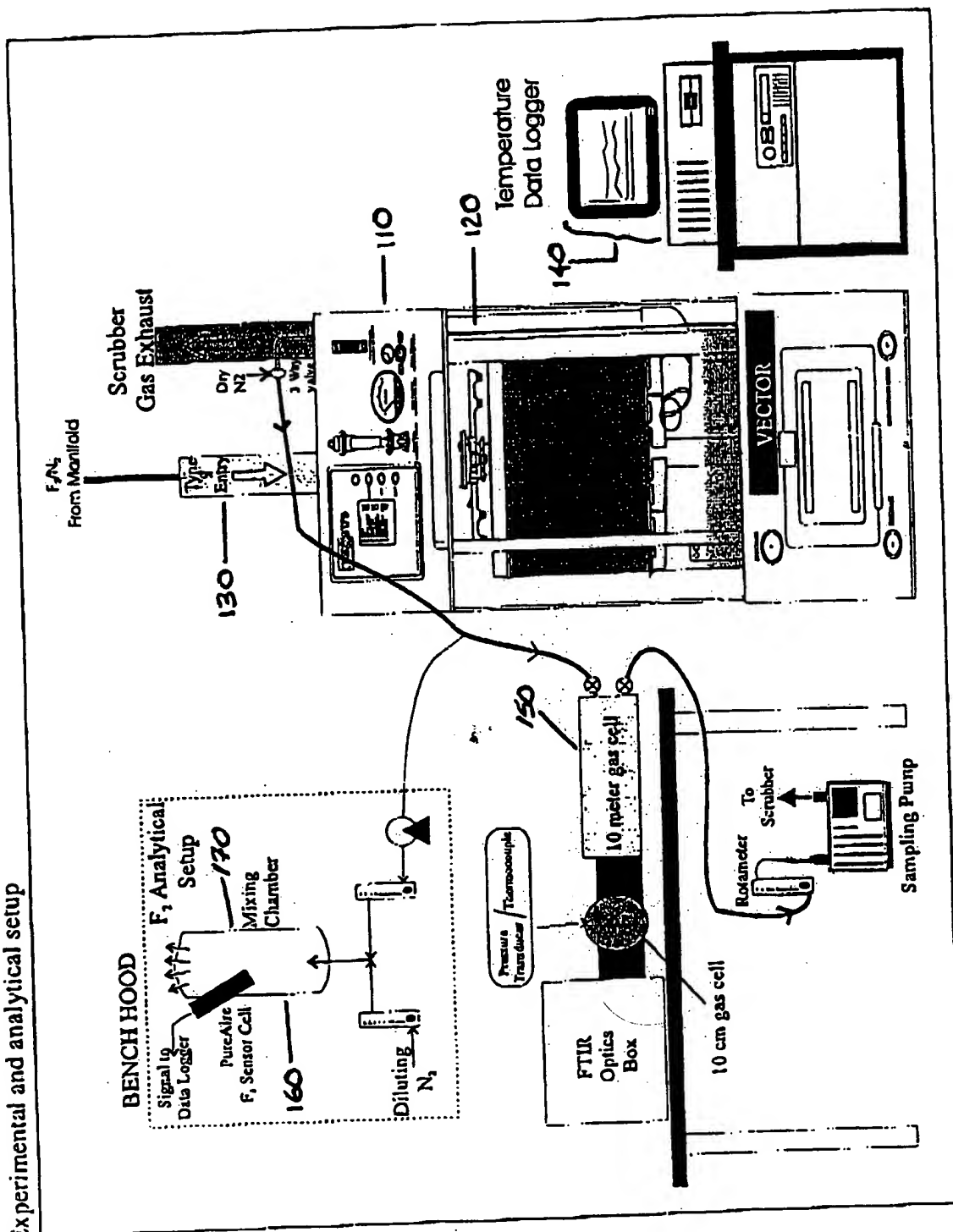


FIGURE 1

210

FIGURE 2-

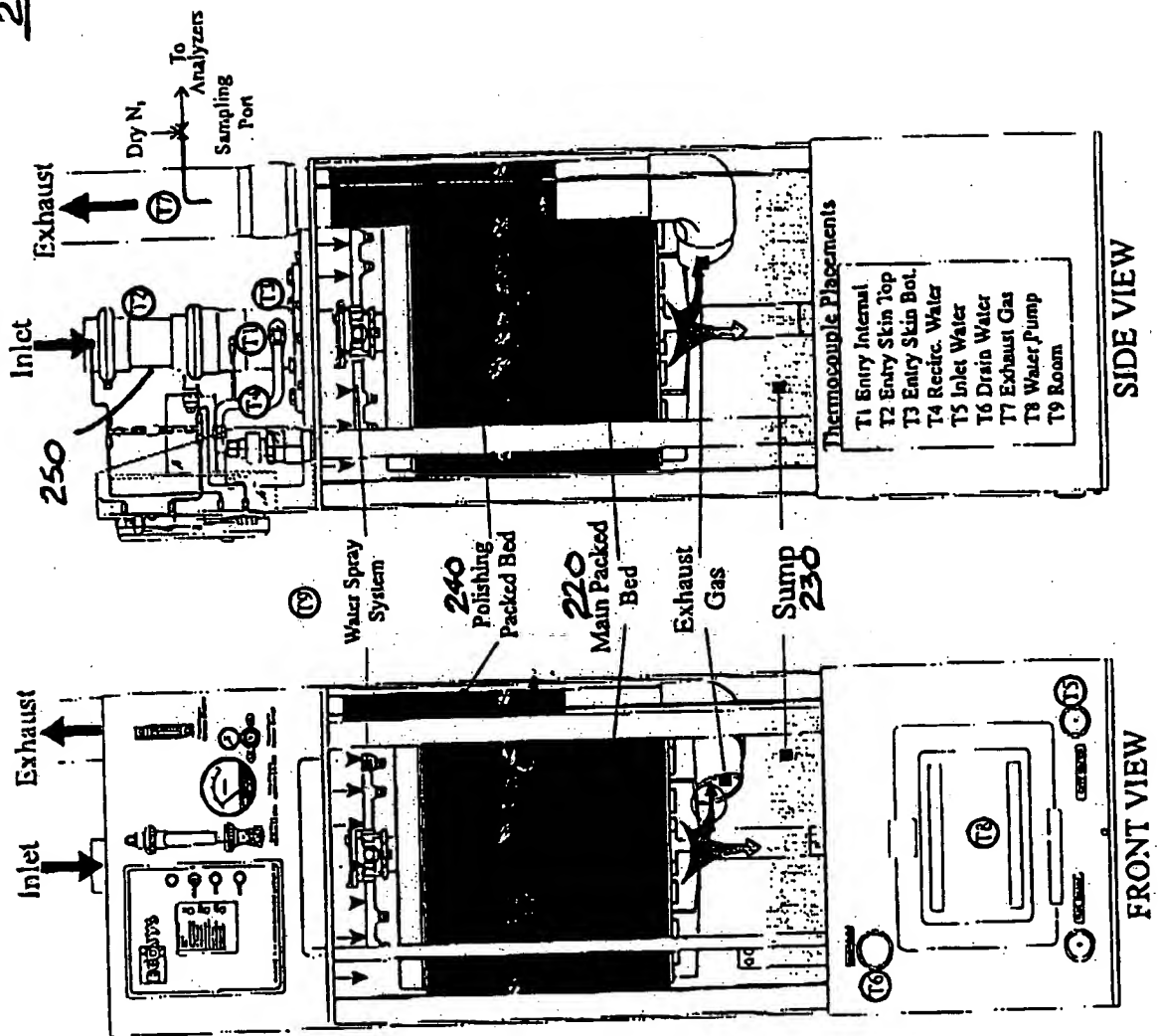


Figure 3. Effect of water use on fluorine abatement efficiency as a function of initial F_2 concentration.

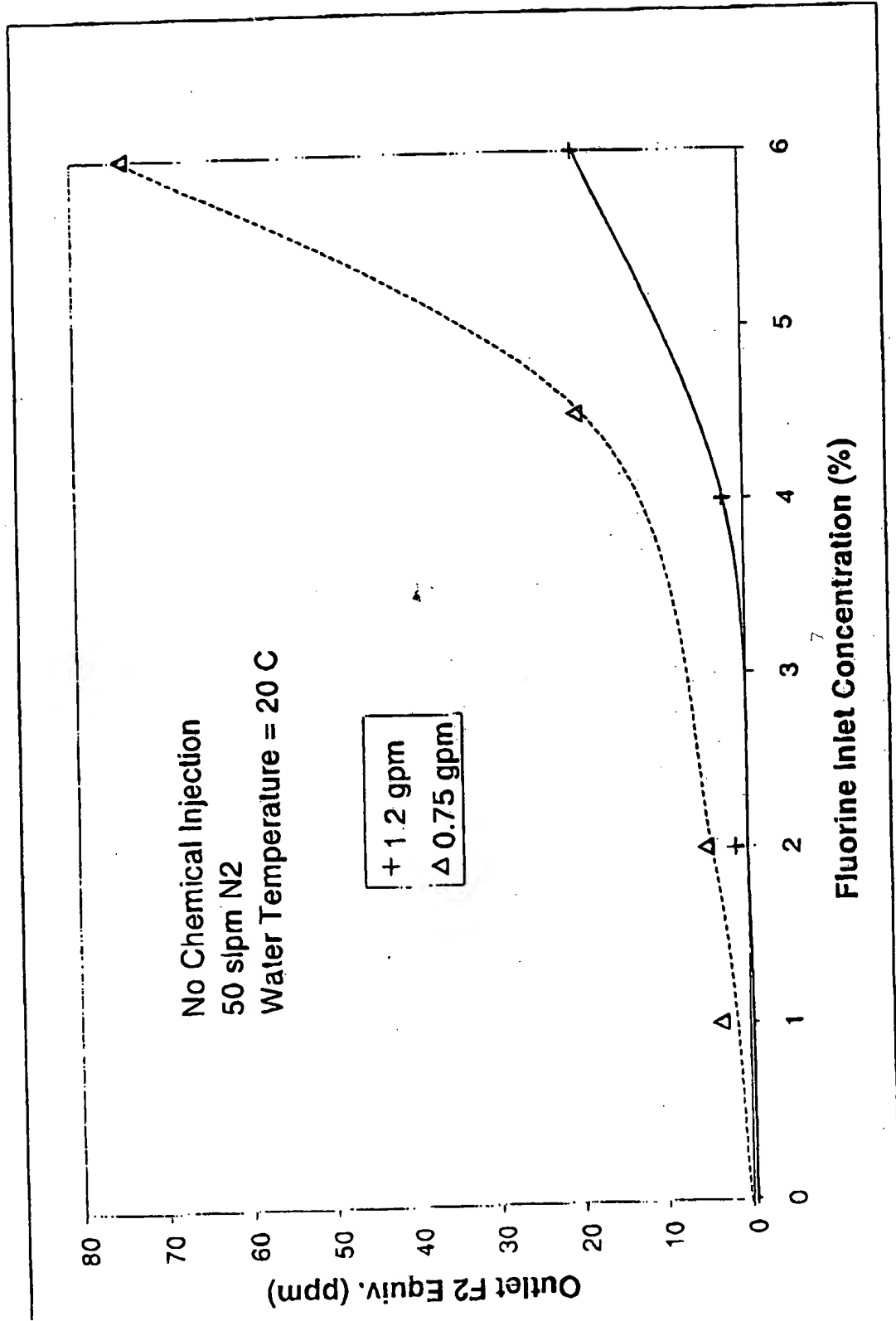


Fig. 4

Time dependent concentration profiles of selected compounds measured at the outlet of the scrubber (Test 4, Table 2.

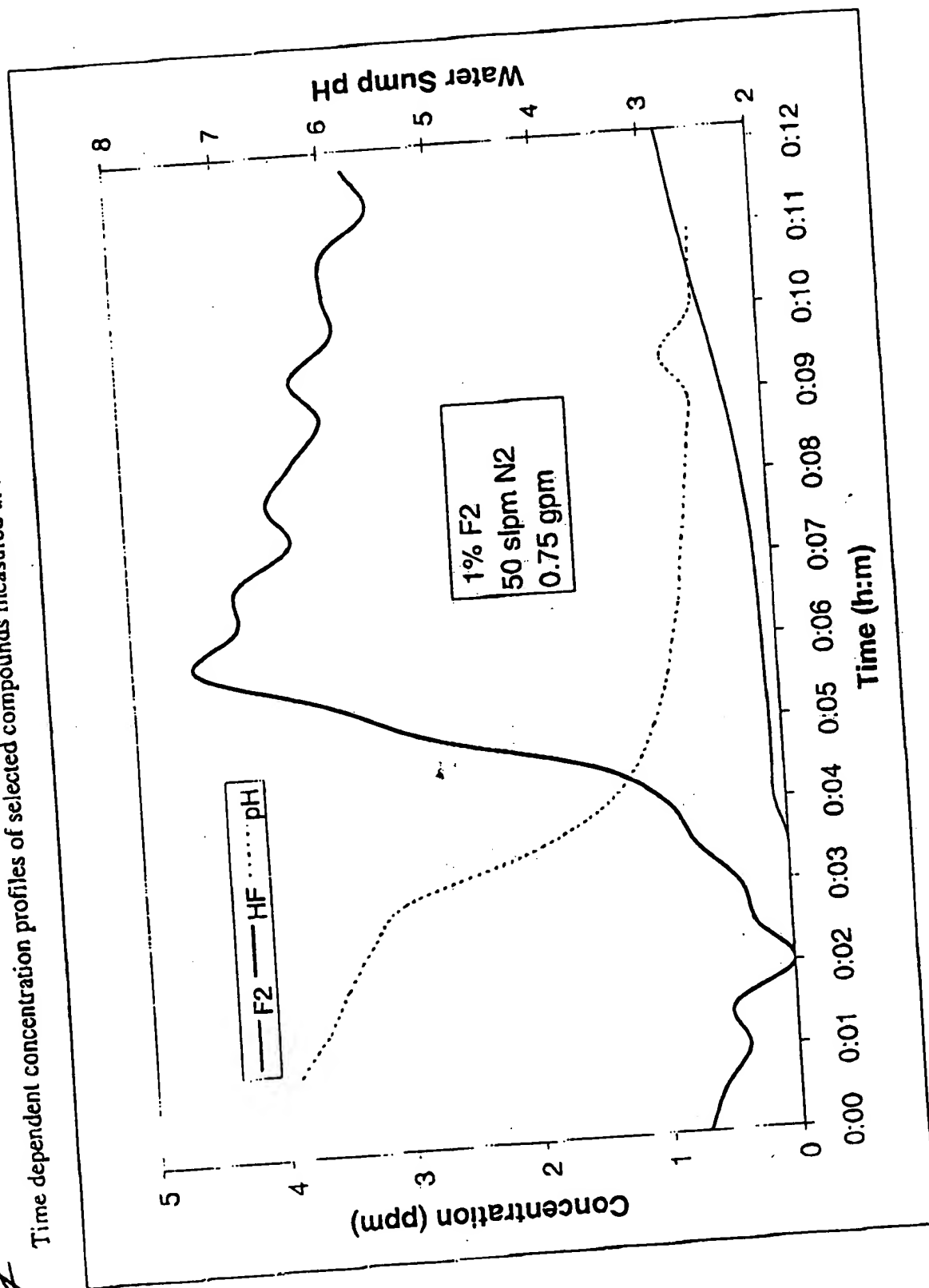
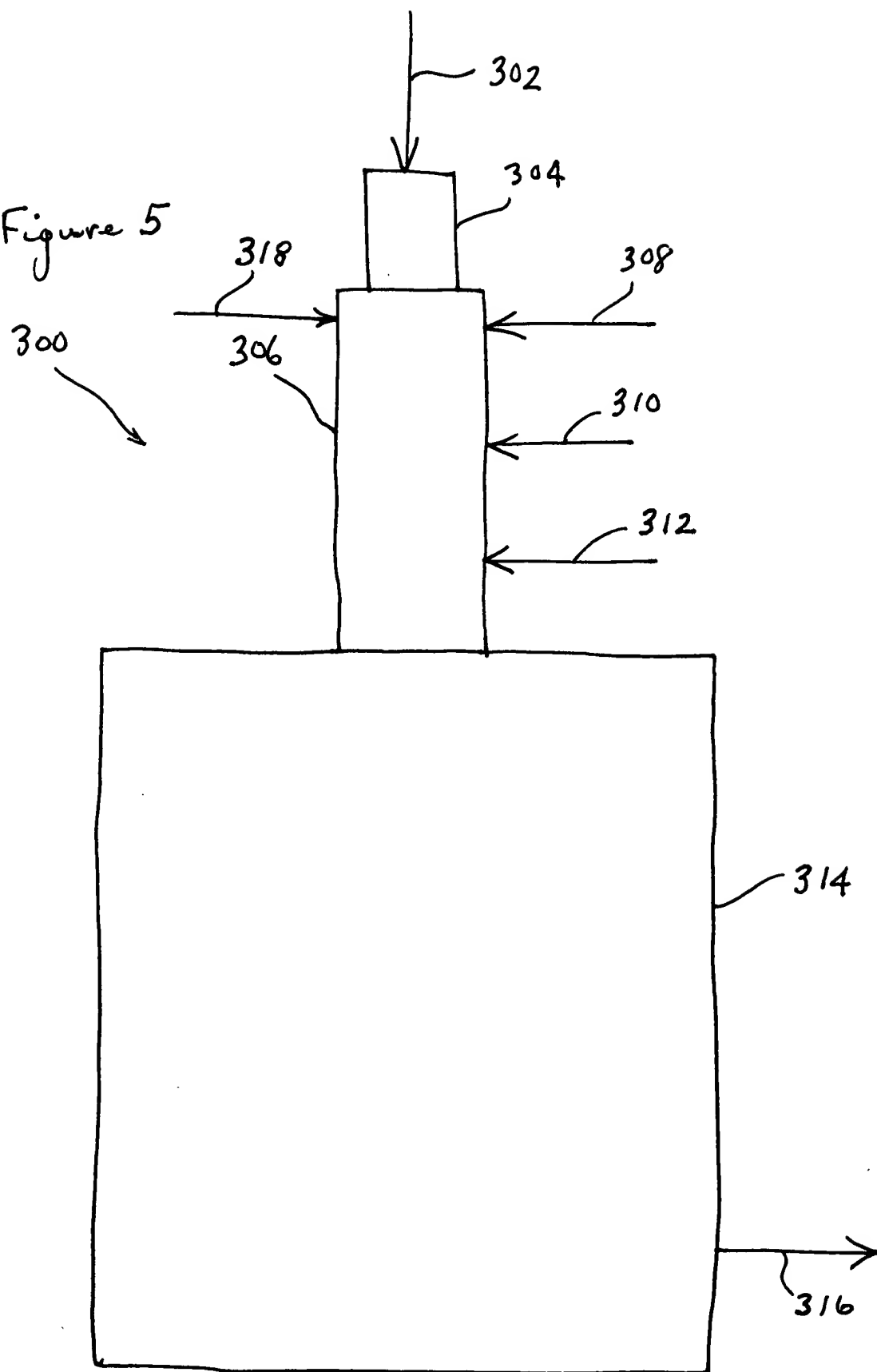


Figure 5



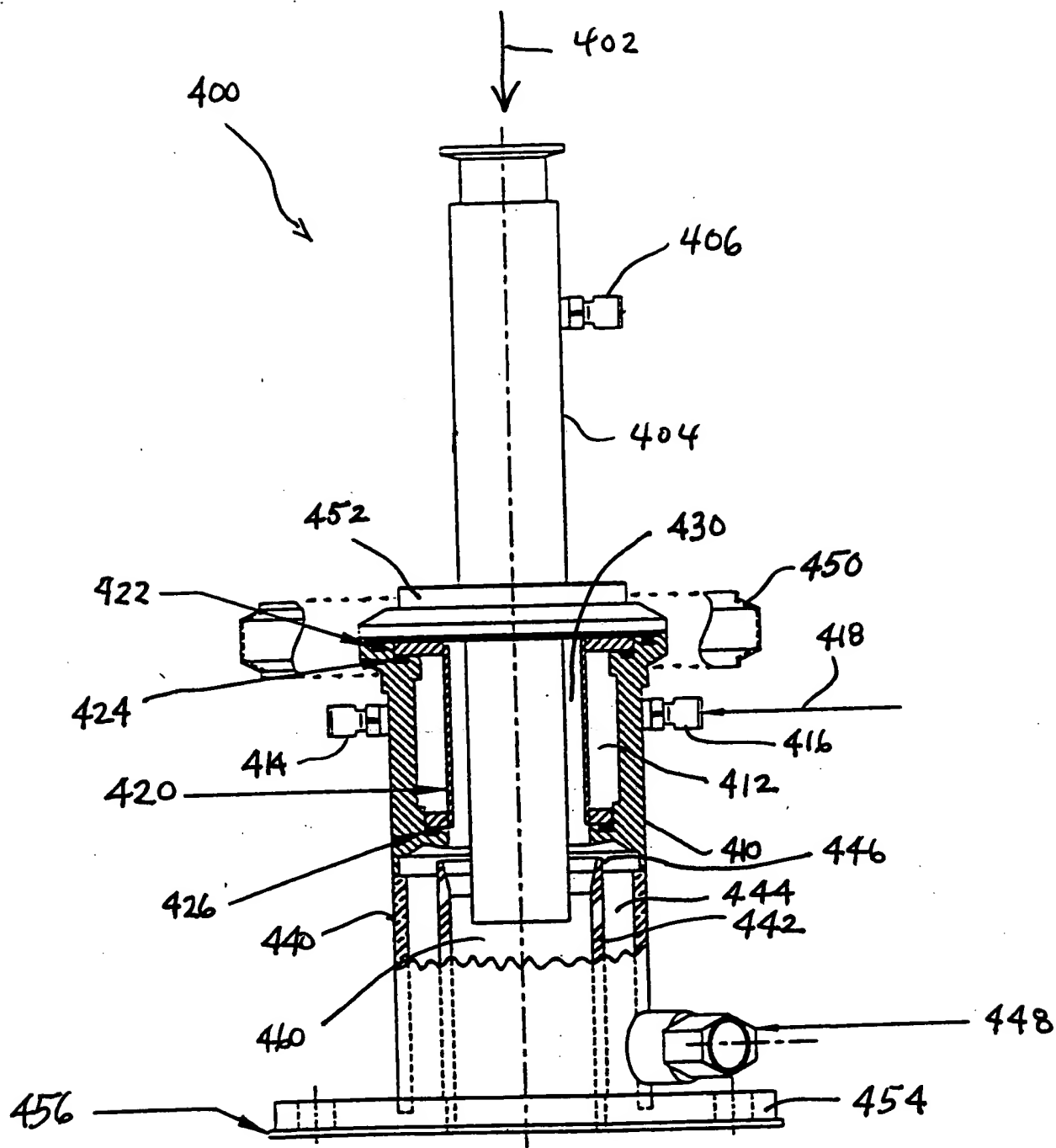


Figure 6

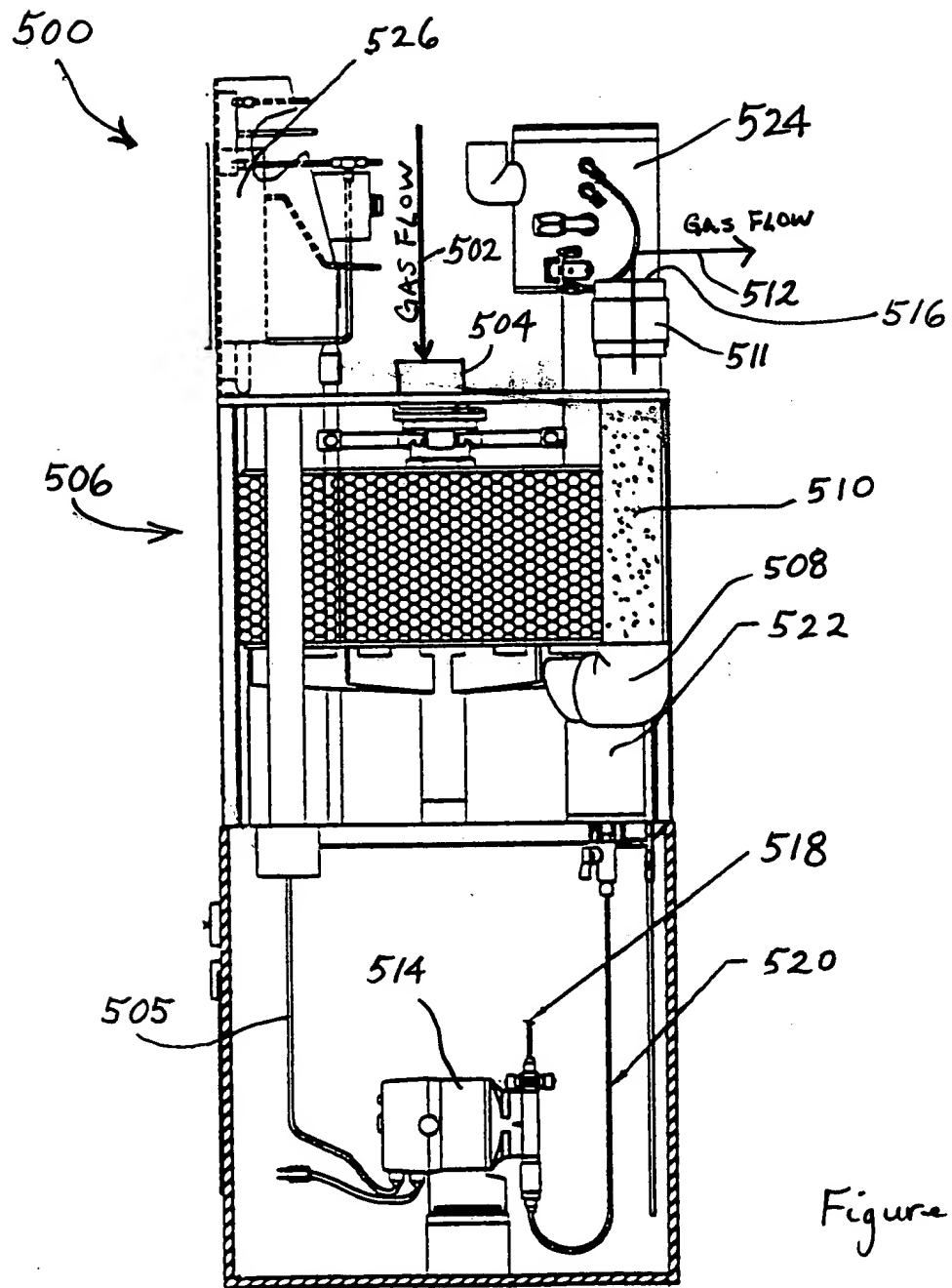


Figure 7

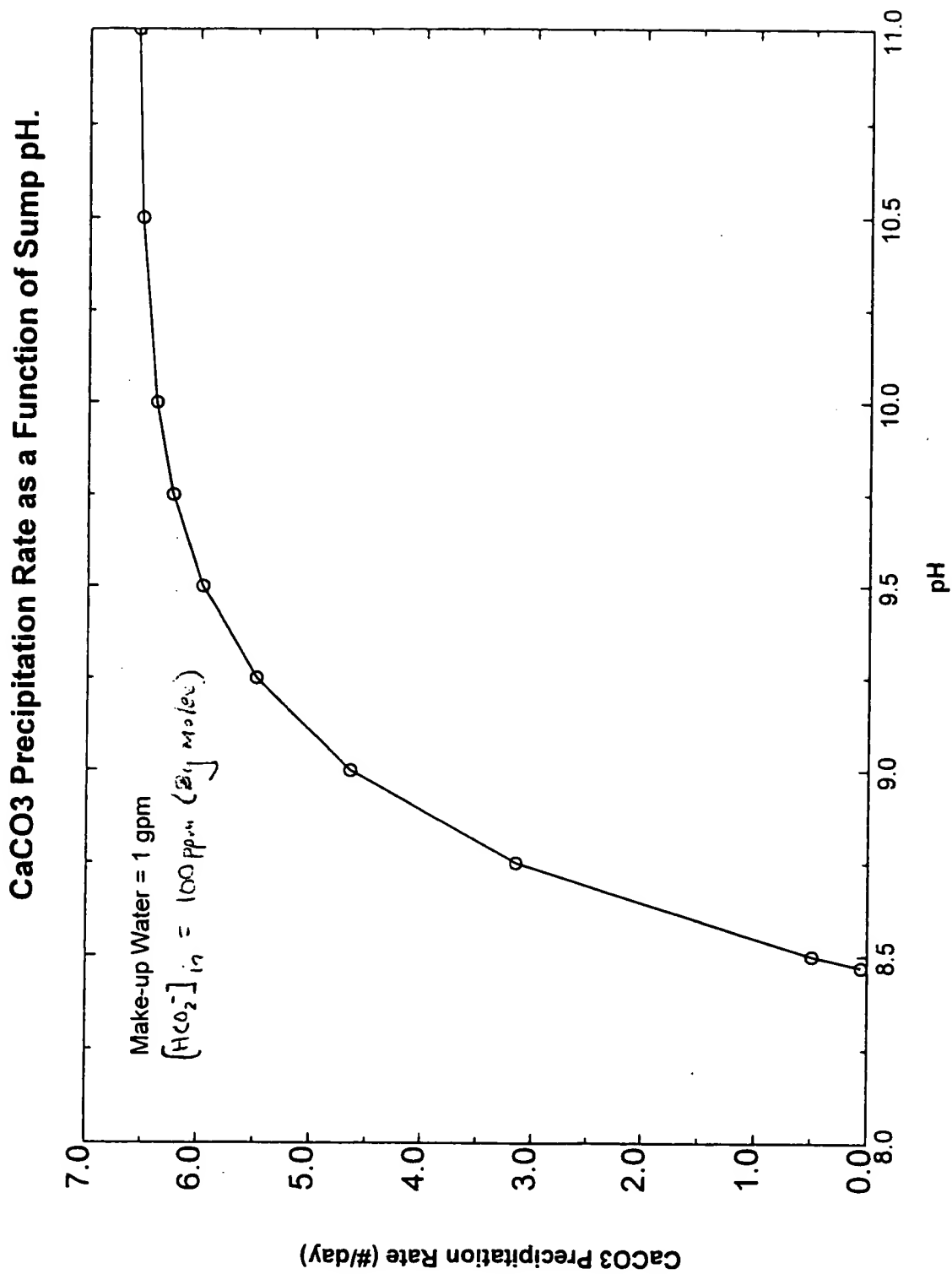
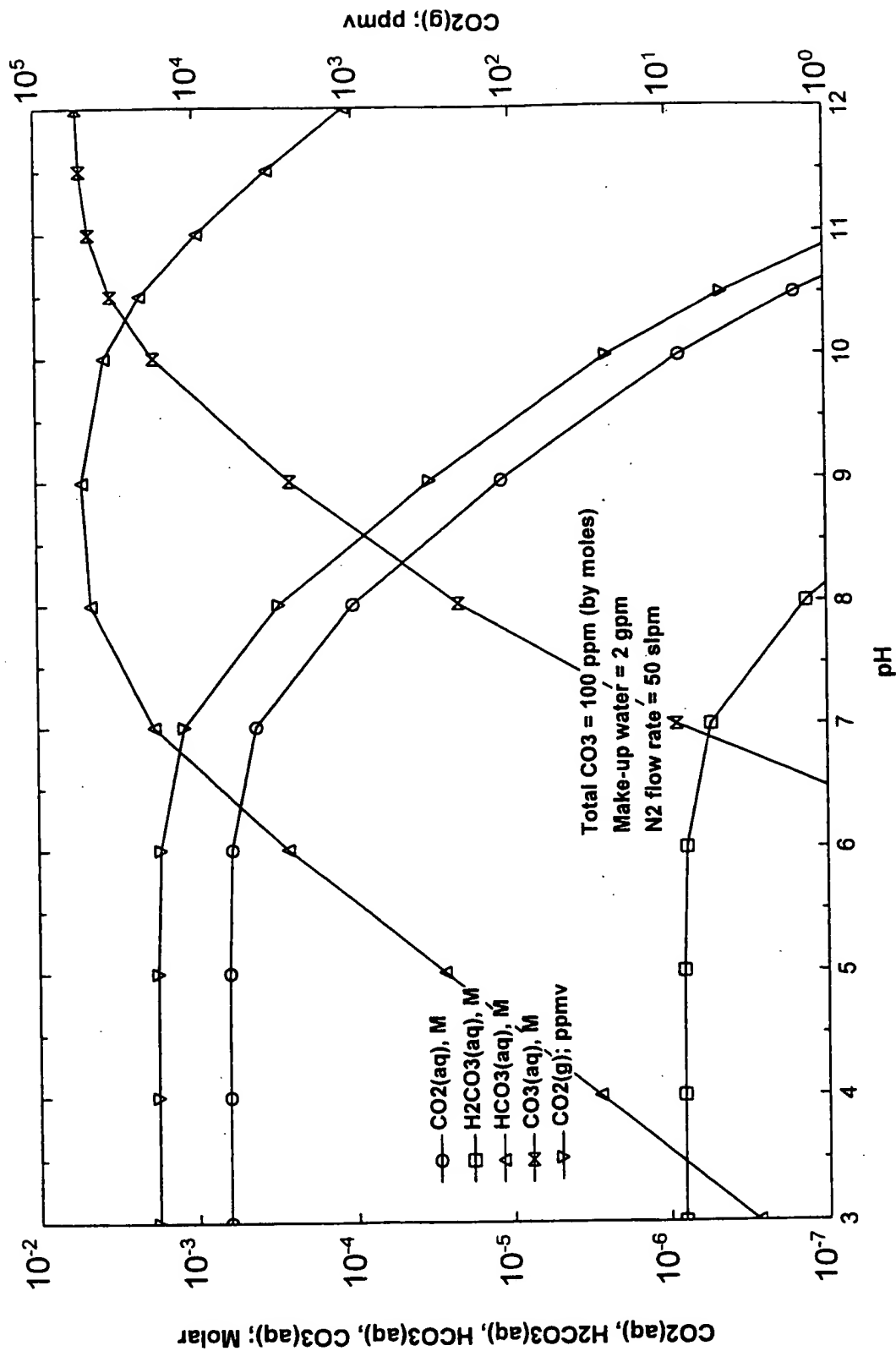


Figure 8

Figure 9

Concentration of Carbonic Acid and Derivatives in Vector Sump.



Bed Improvements

Improvement Factors (Bed/NoBed)

Improvement Factor (Decrease in NH_3 exhaust concentration when polishing scrubber is present)

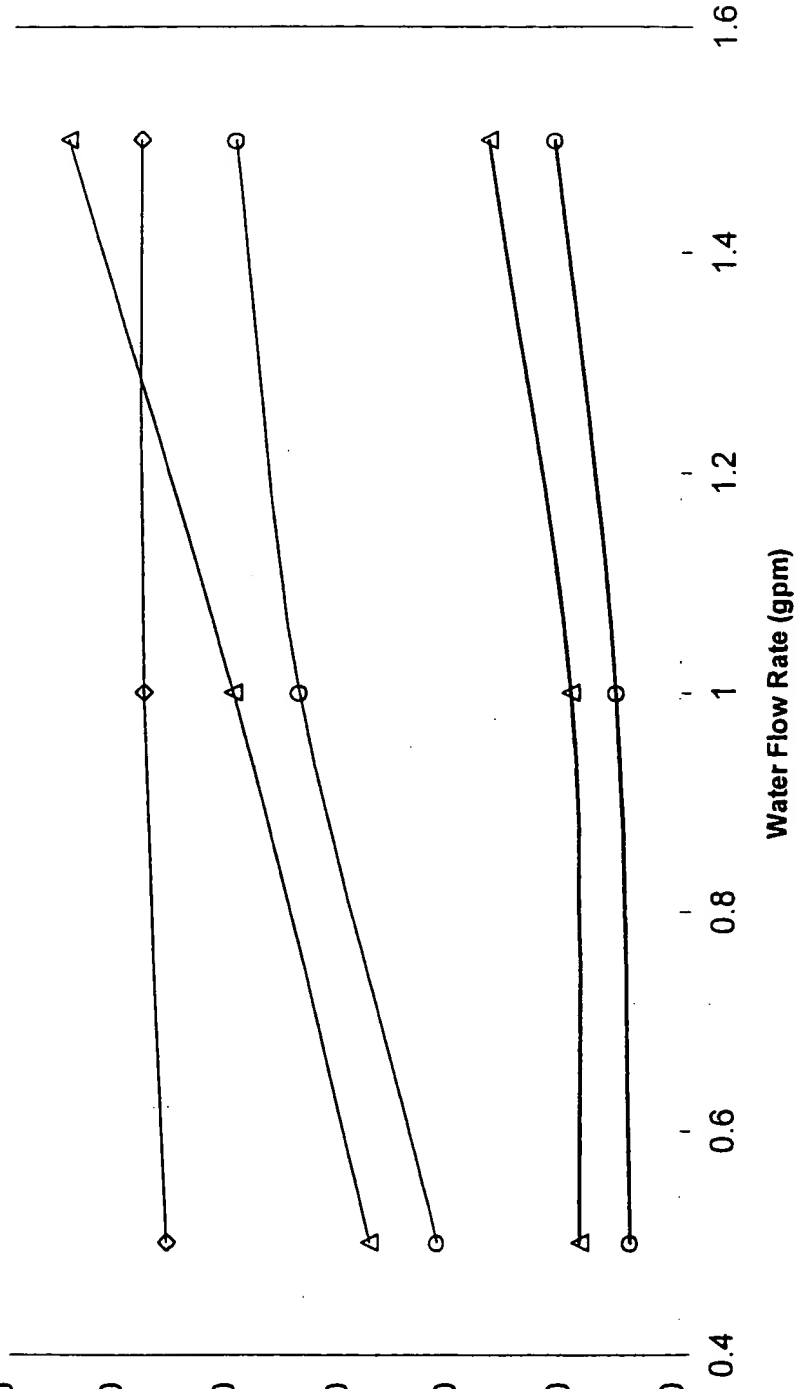


Figure 10

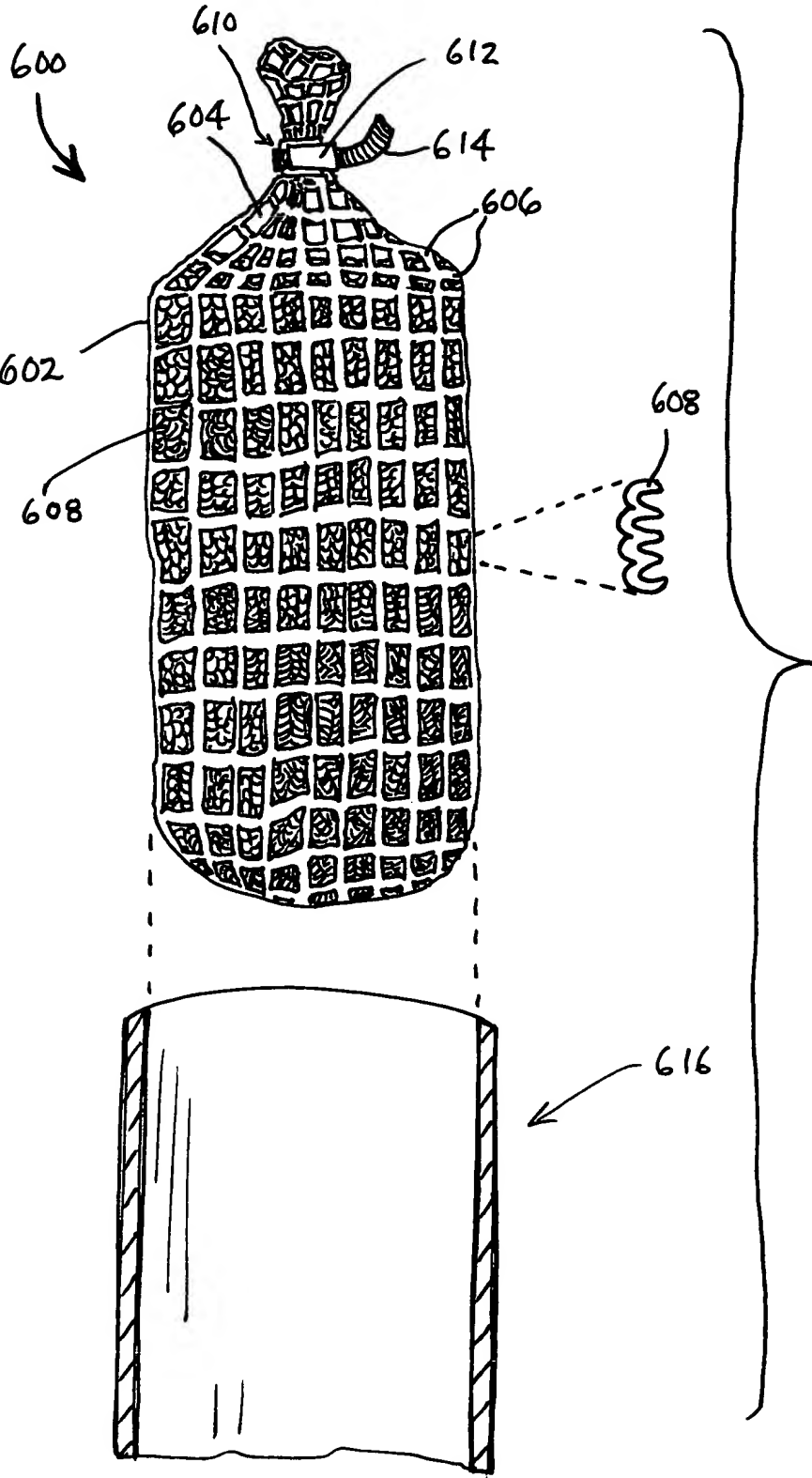


Figure 11

Figure 12

